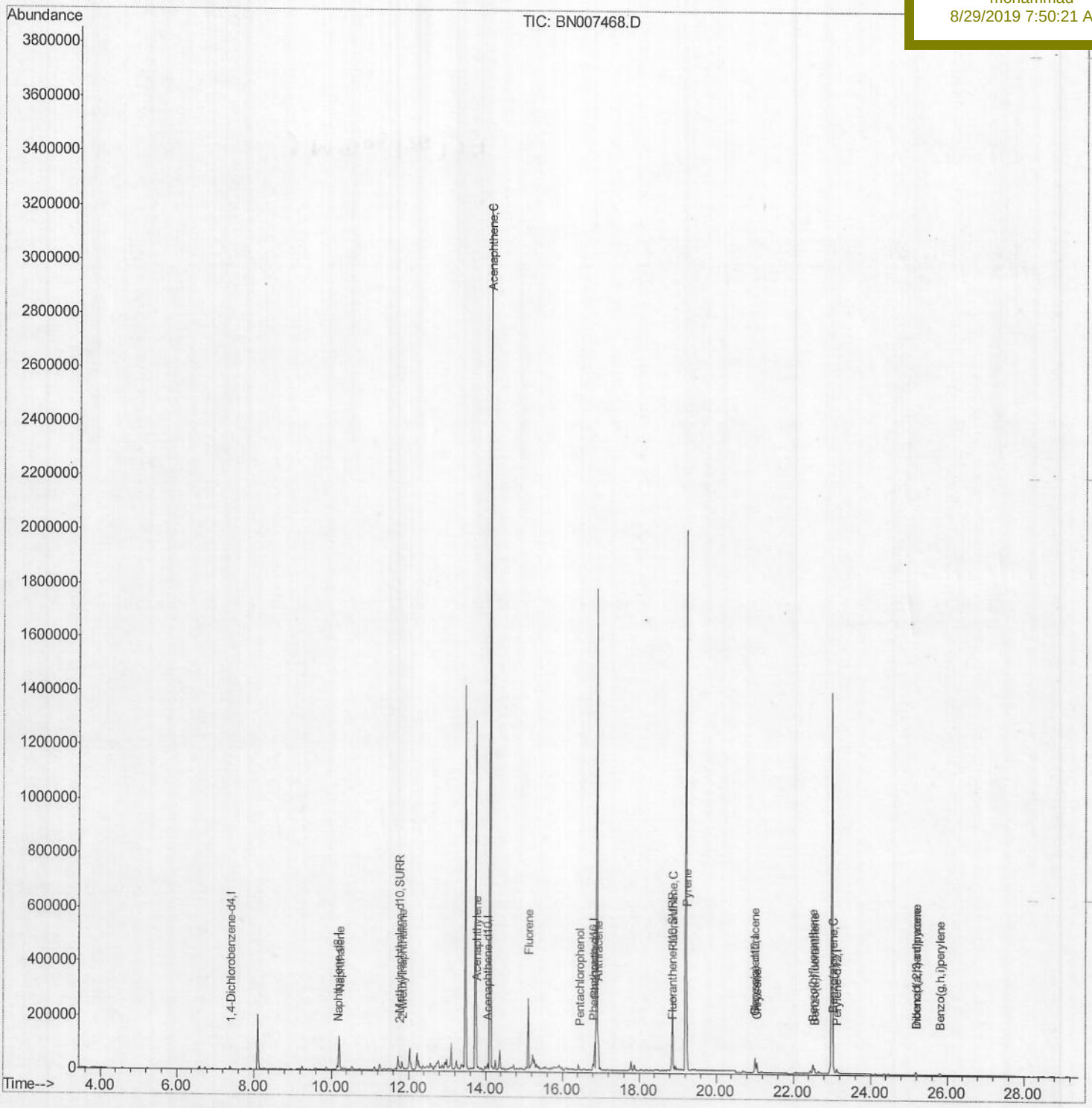
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 16:01:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



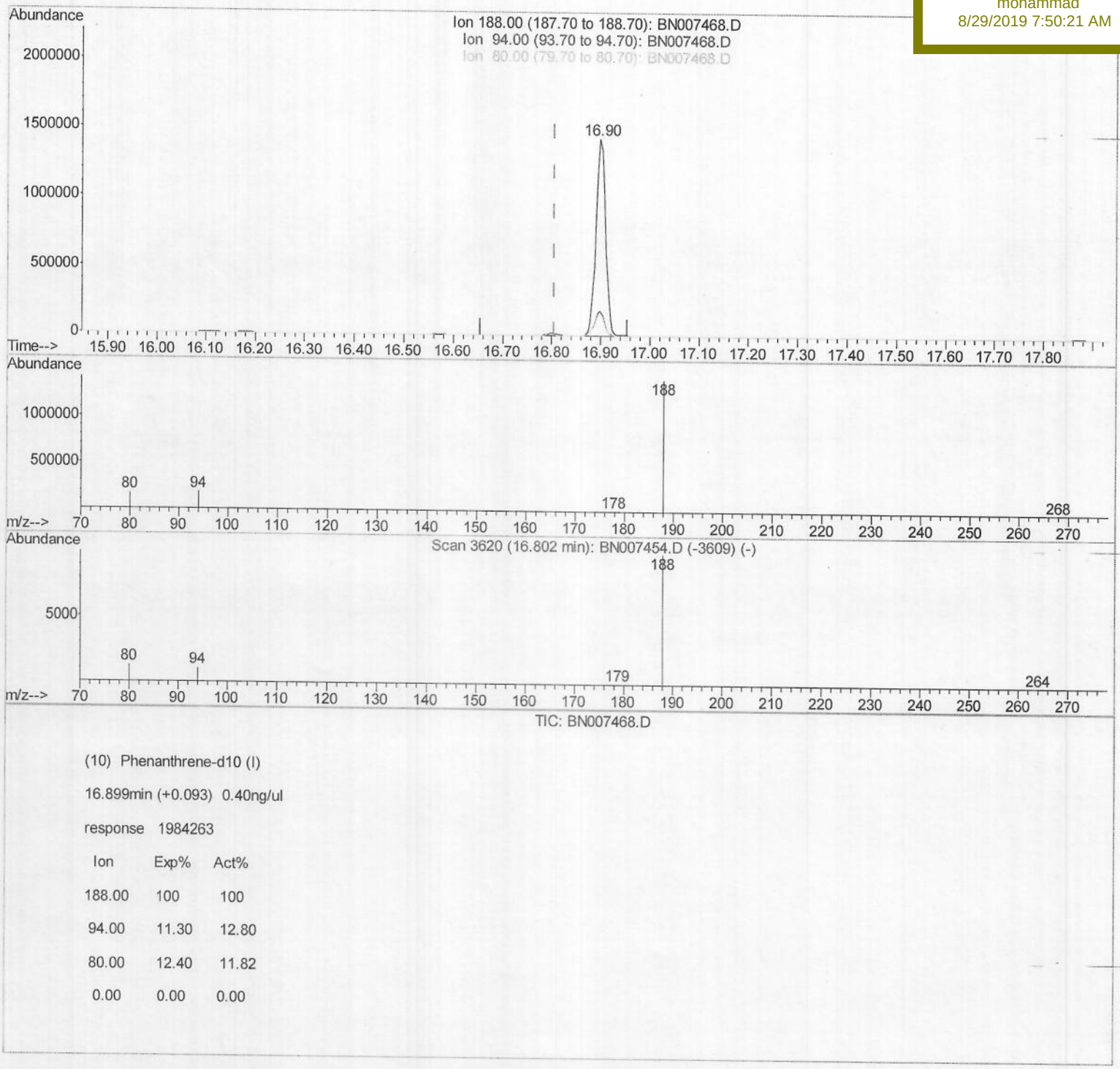
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:55:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(10) Phenanthrene-d10 (I)

16.899min (+0.093) 0.40ng/ul

response 1984263

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.80
80.00	12.40	11.82
0.00	0.00	0.00

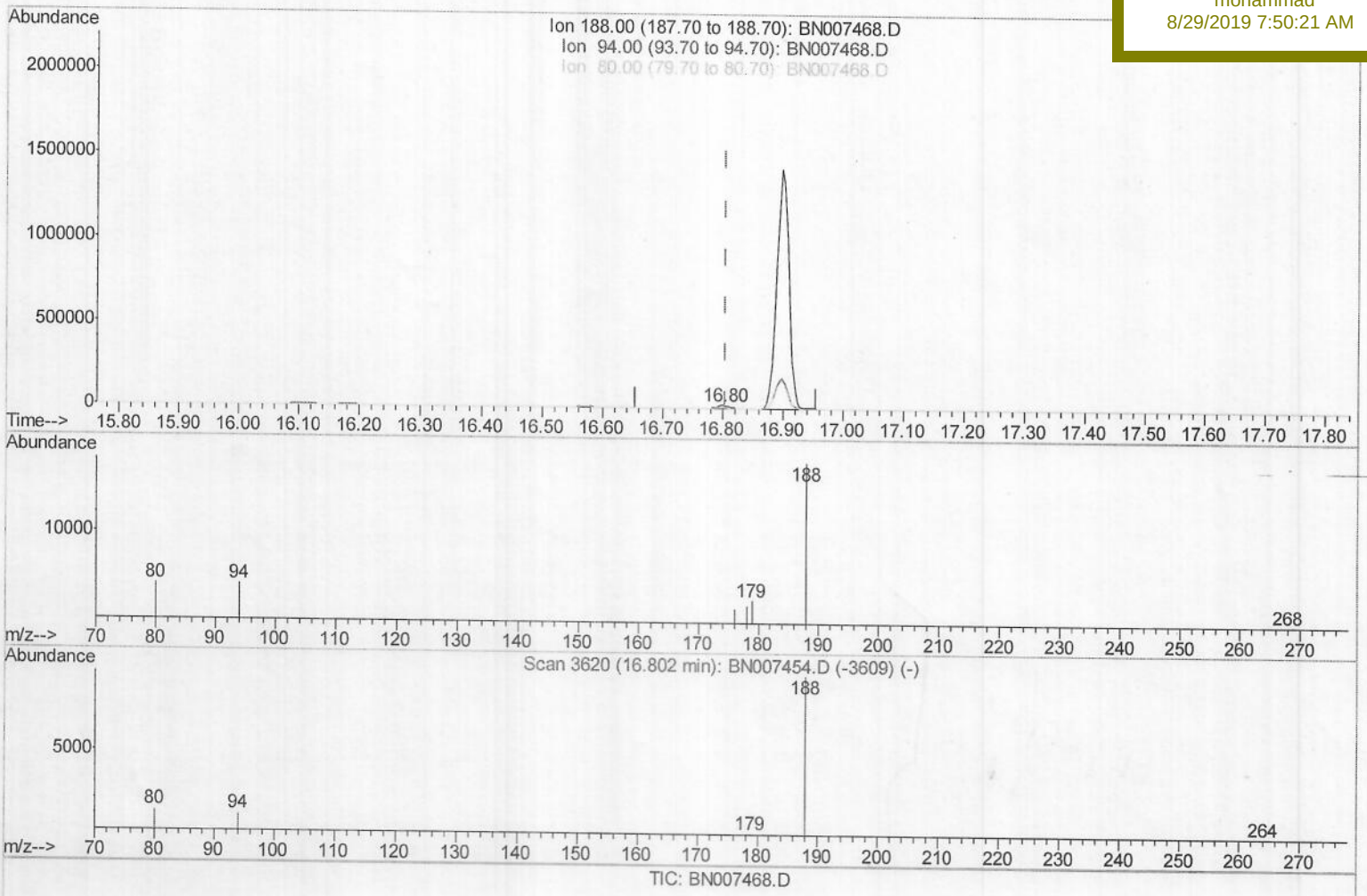
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:55:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(10) Phenanthrene-d10 (I)

16.802min (-0.004) 0.40ng/ul m) JU 08/29/19

response 28688

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	22.72#
80.00	12.40	22.66#
0.00	0.00	0.00

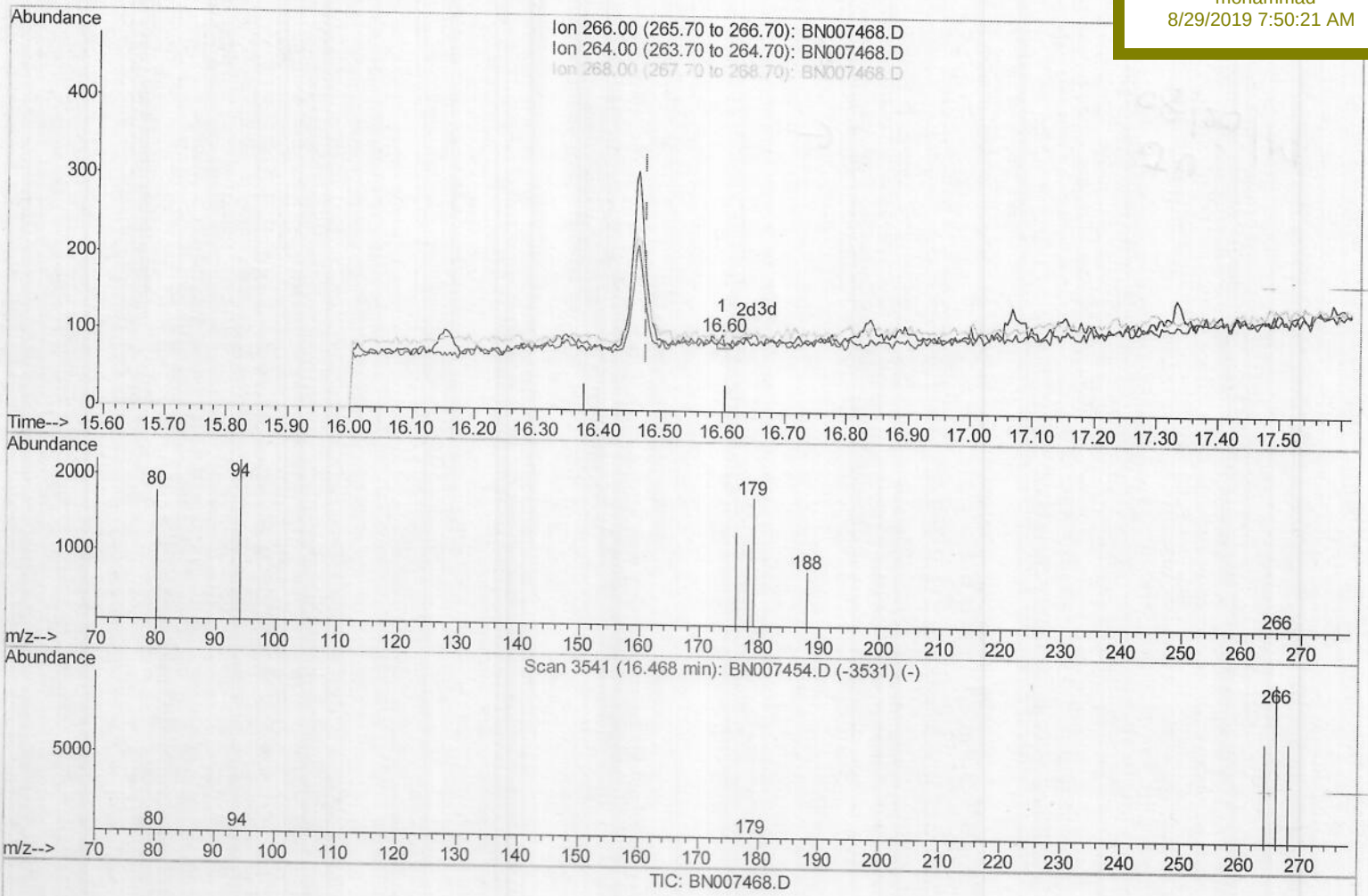
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(11) Pentachlorophenol

16.599min (+0.122) 0.00ng/ul

response 9

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	0.00#
268.00	62.70	200.00#
0.00	0.00	0.00

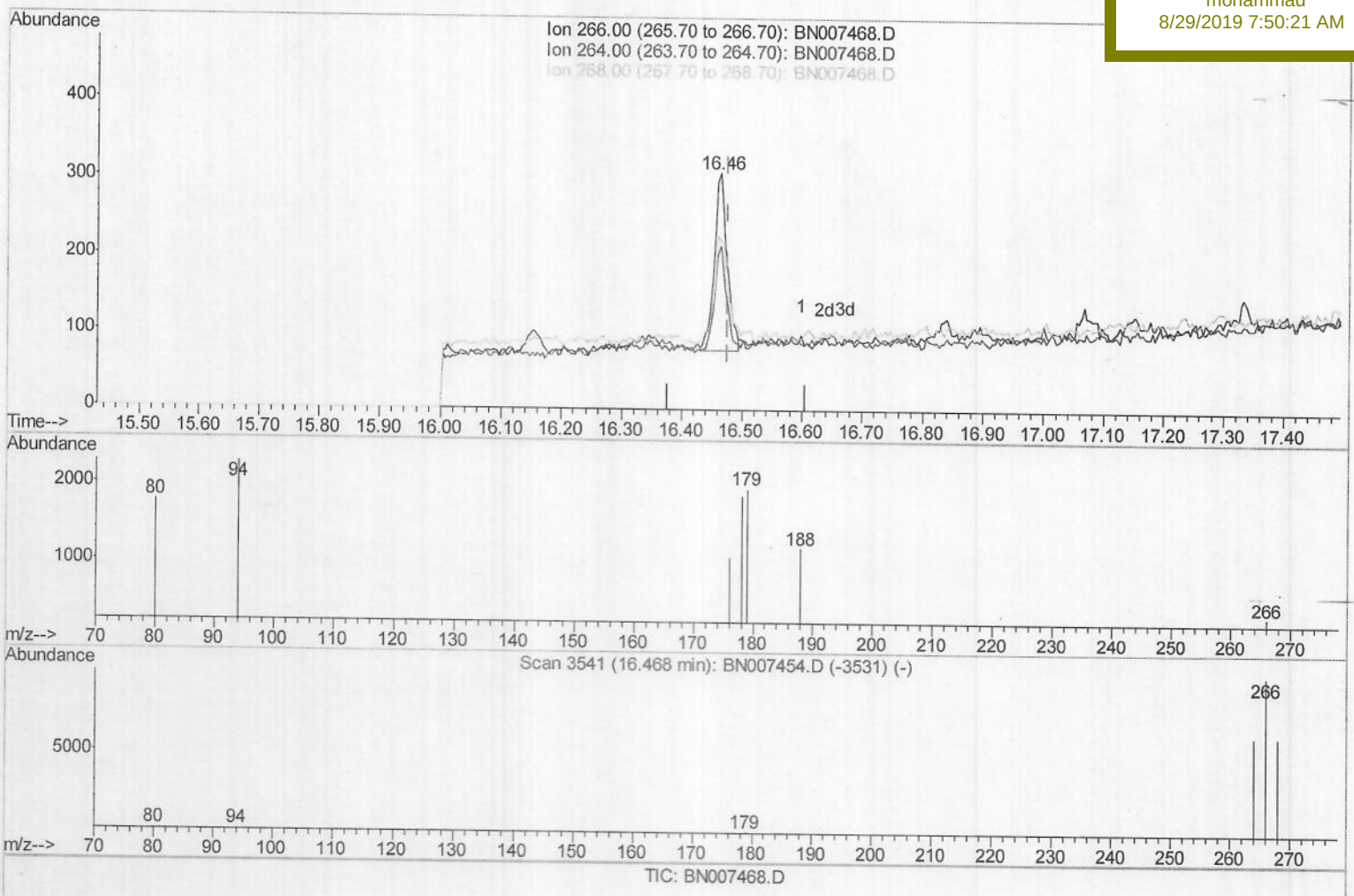
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(11) Pentachlorophenol

16.464min (-0.013) 0.05ng/ul m

response 345

JU 08/29/19

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	0.00#
268.00	62.70	5.22#
0.00	0.00	0.00

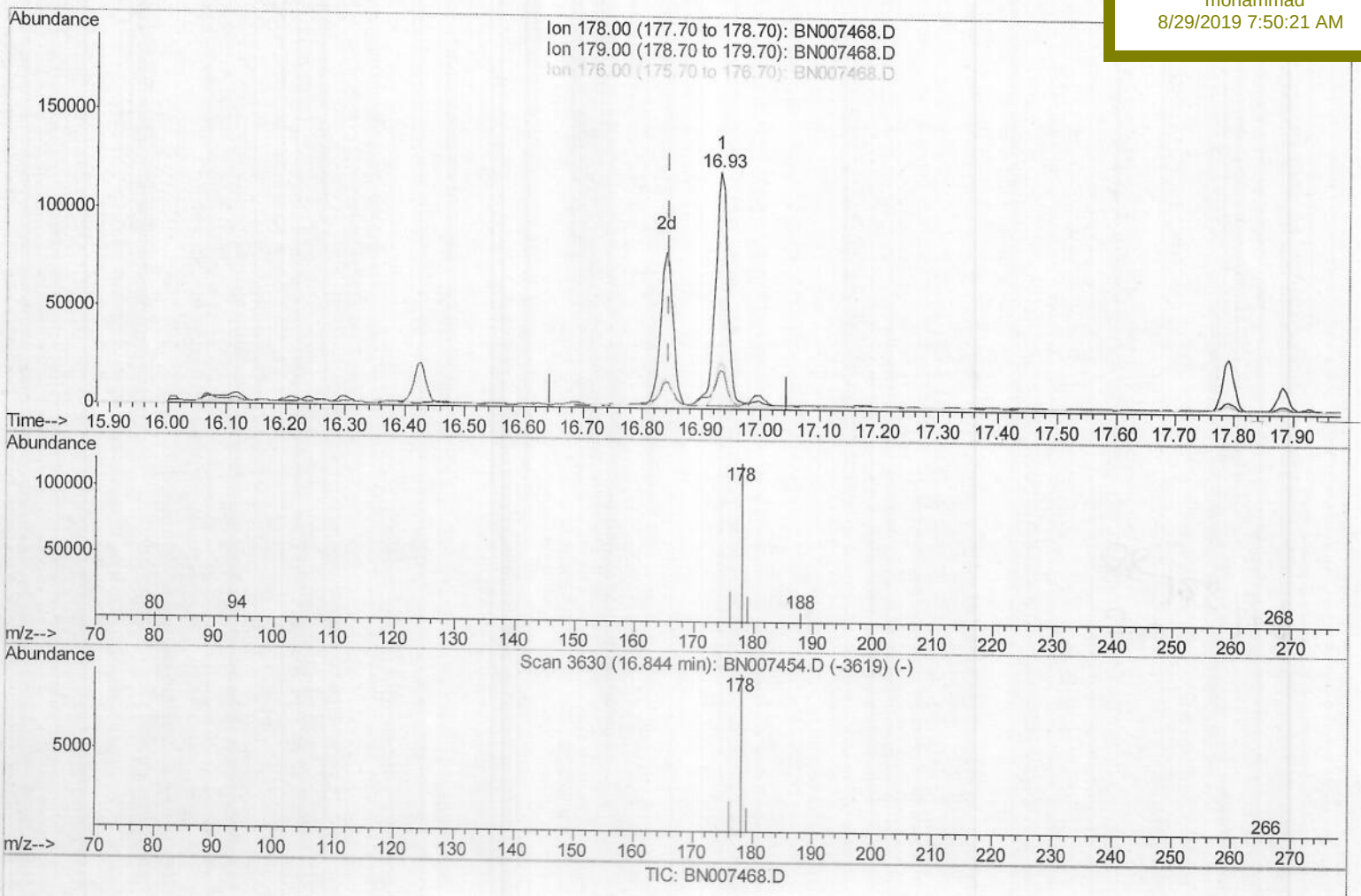
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(12) Phenanthrene

16.932min (+0.088) 1.91ng/ul

response 170797

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.49
176.00	19.00	19.69
0.00	0.00	0.00

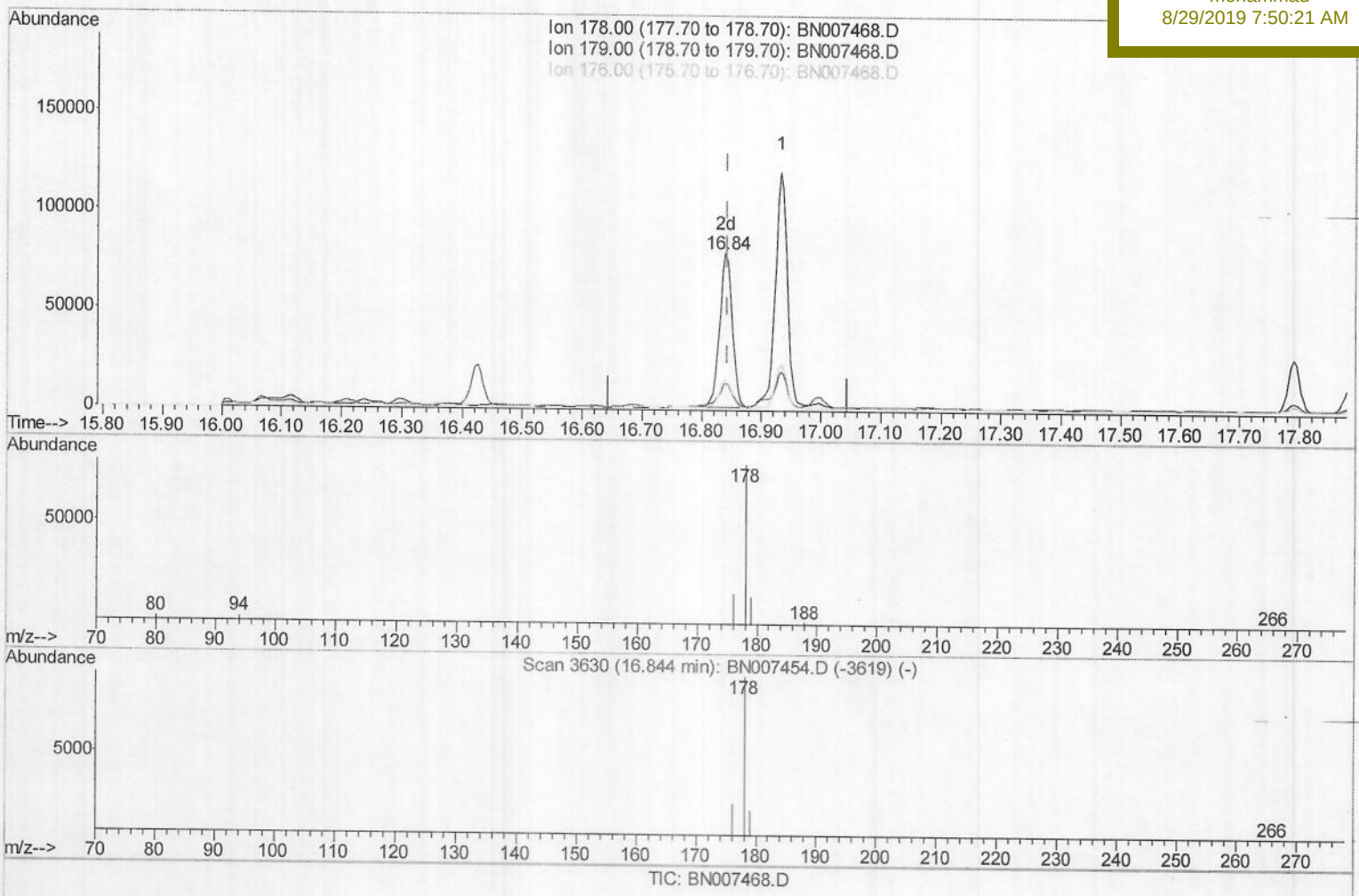
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(12) Phenanthrene

16.840min (-0.004) 1.29ng/ul m SJU 08/29/19

response 115277

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	17.04
176.00	19.00	19.46
0.00	0.00	0.00

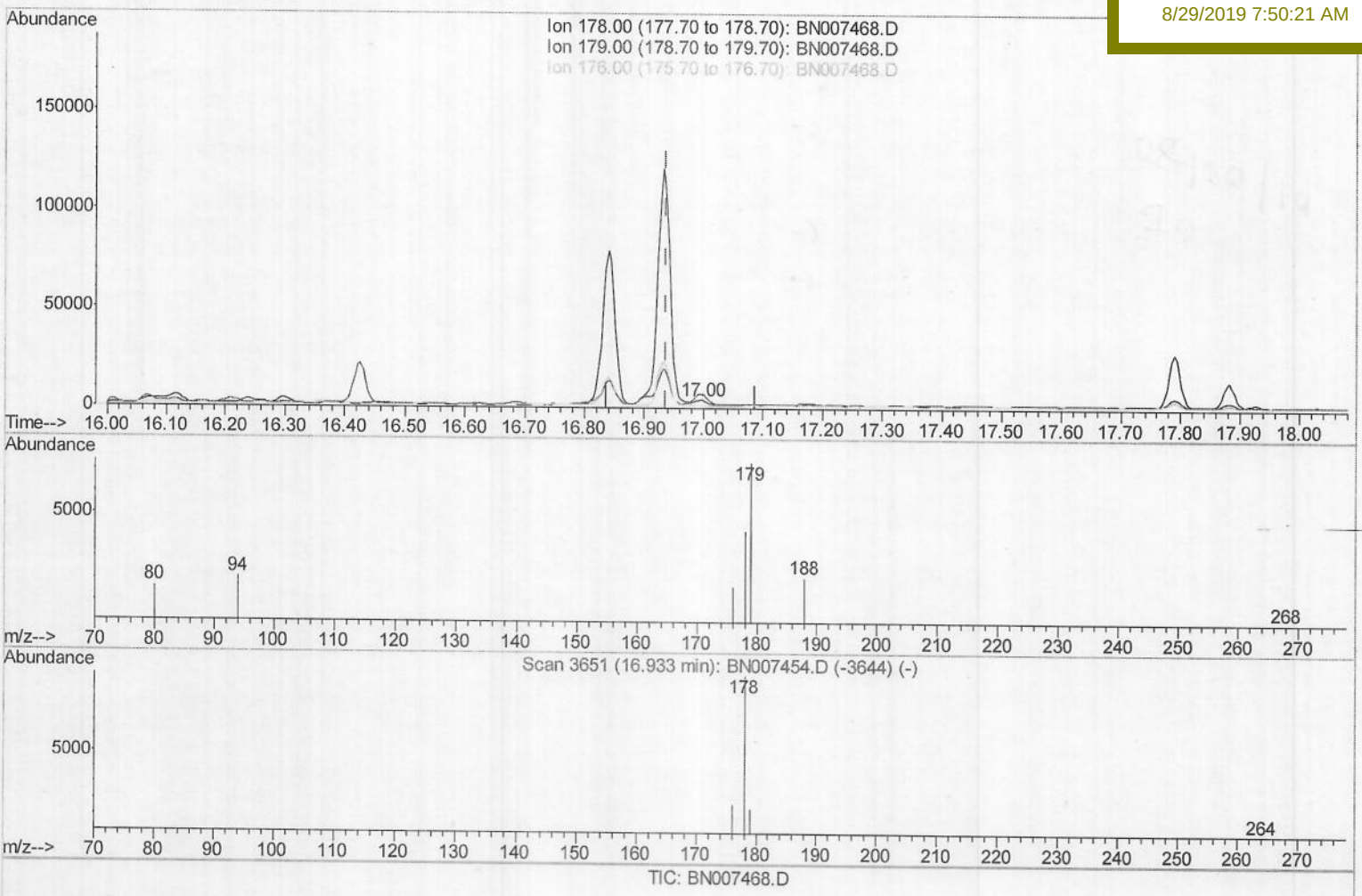
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(13) Anthracene

16.996min (+0.059) 0.05ng/ul

response 4128

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	173.88#
176.00	18.20	40.34#
0.00	0.00	0.00

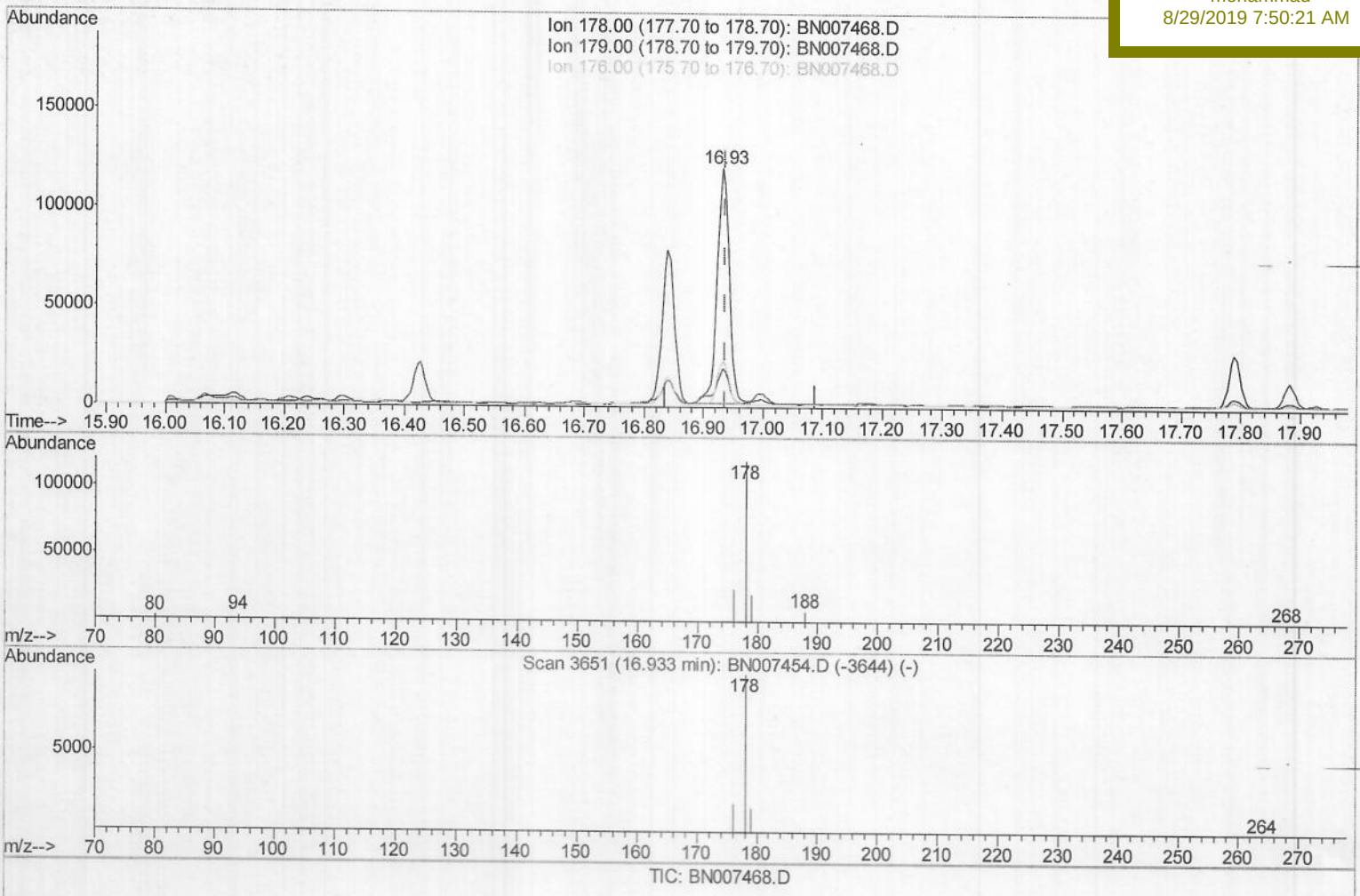
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(13) Anthracene

16.932min (-0.004) 2.02ng/ul m) JU 08/29/19

response 170205

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.49
176.00	18.20	19.69
0.00	0.00	0.00

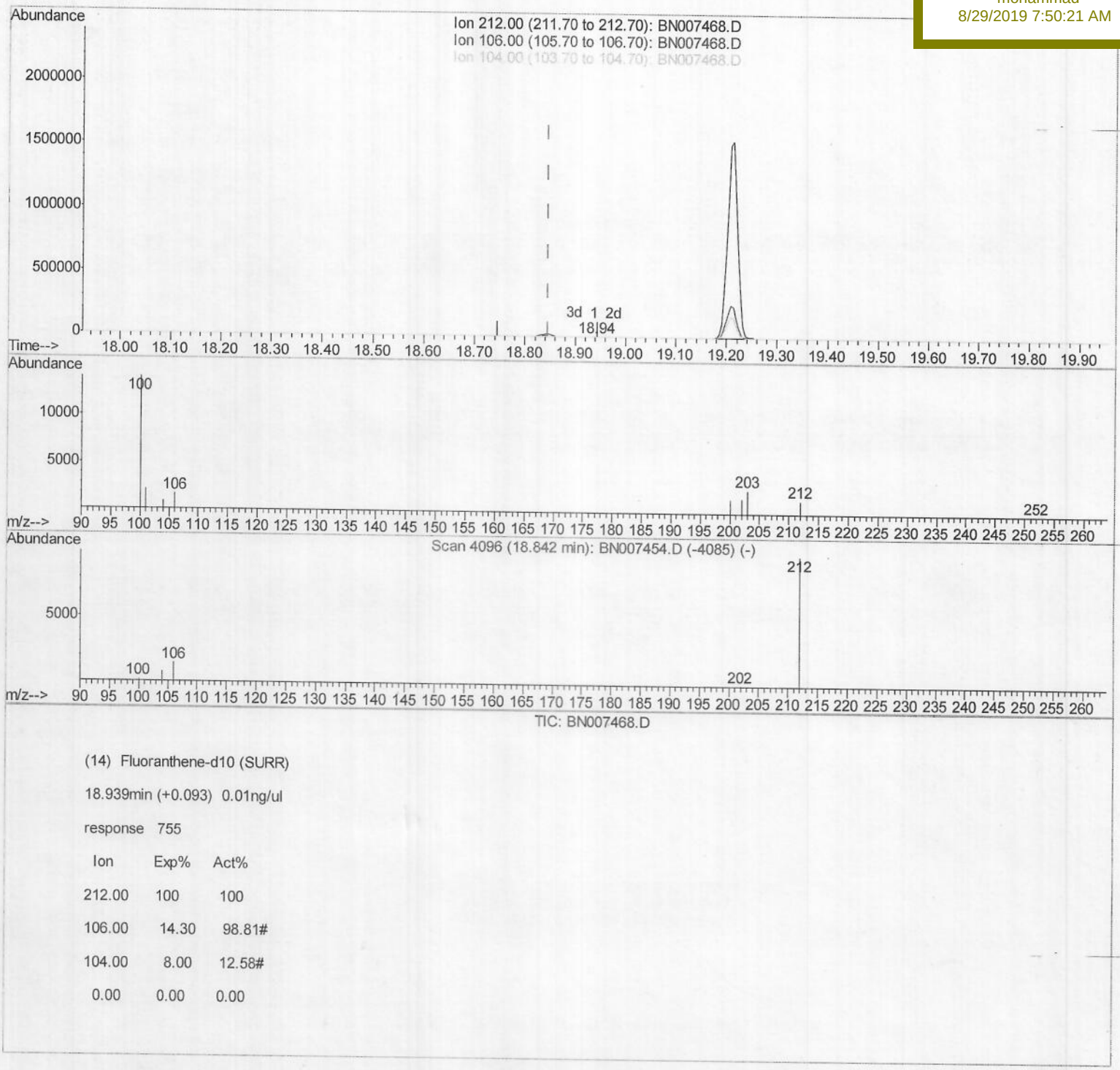
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(14) Fluoranthene-d10 (SURR)

18.939min (+0.093) 0.01ng/ul

response 755

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	98.81#
104.00	8.00	12.58#
0.00	0.00	0.00

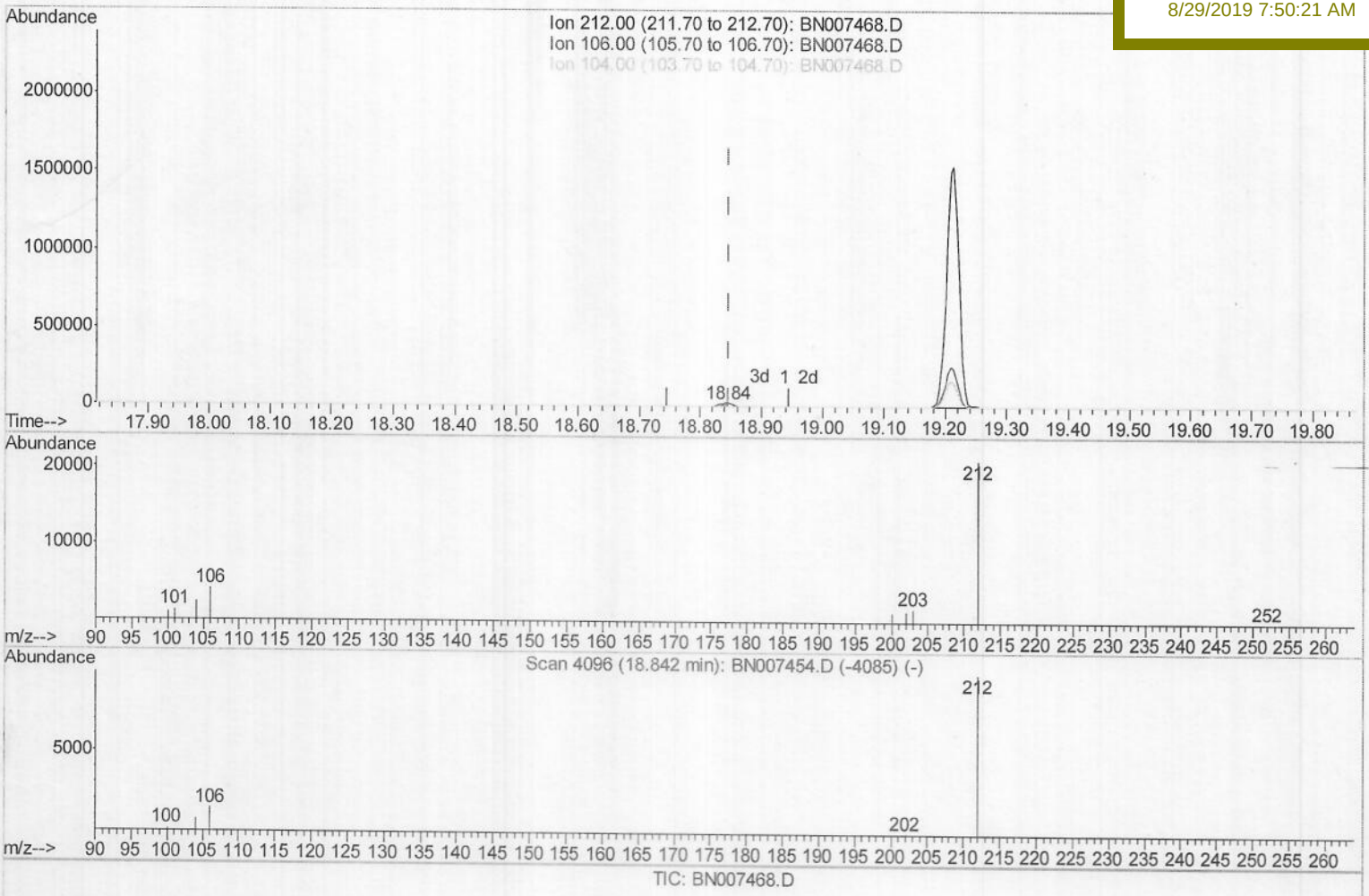
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(14) Fluoranthene-d10 (SURR)

18.842min (-0.005) 0.31ng/ul m JU 08/29/19

response 29144

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	2.56#
104.00	8.00	0.33#
0.00	0.00	0.00

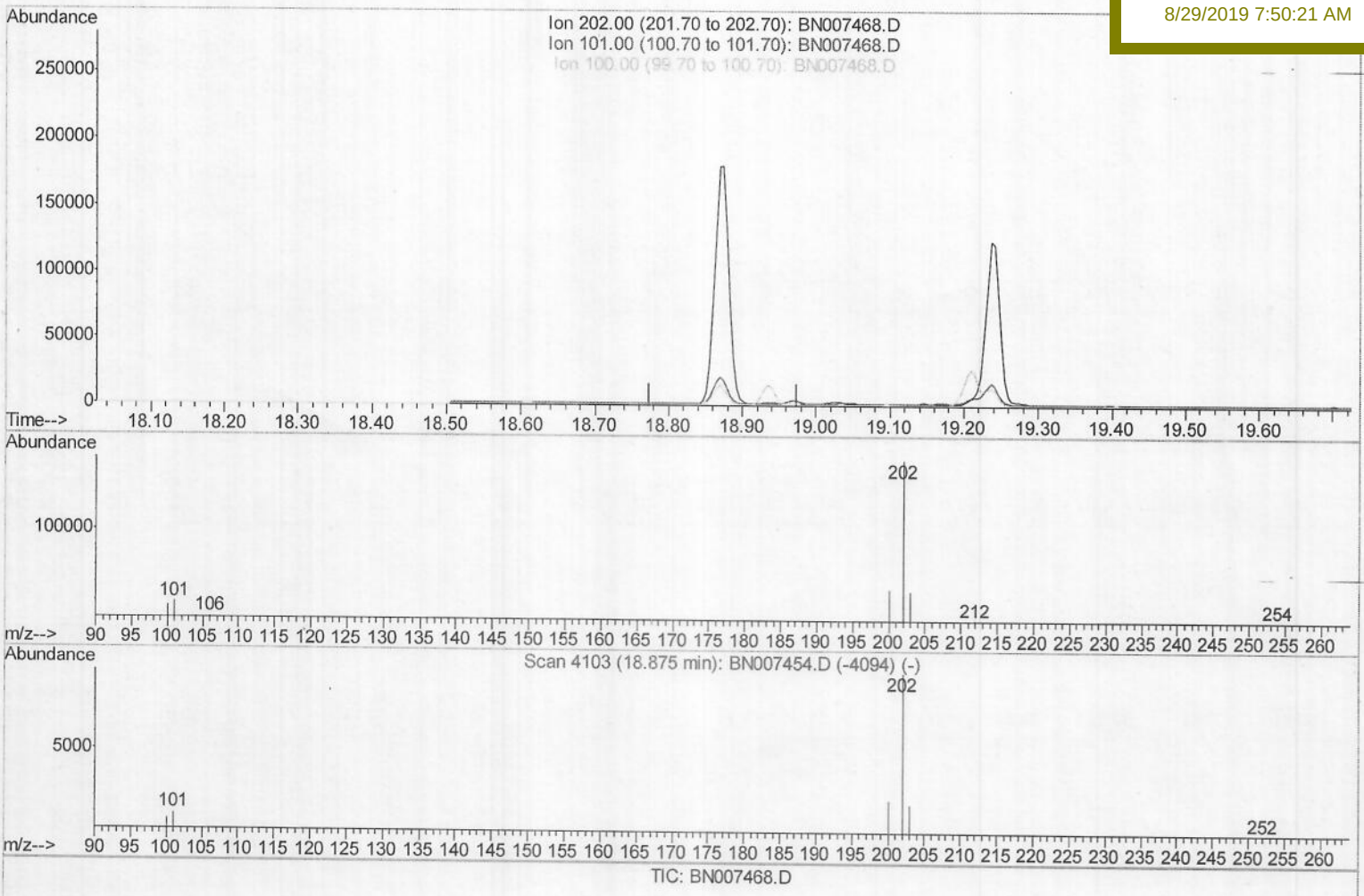
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(15) Fluoranthene (C)

18.875min (-18.875) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	11.30	0.00
100.00	8.50	0.00
0.00	0.00	0.00

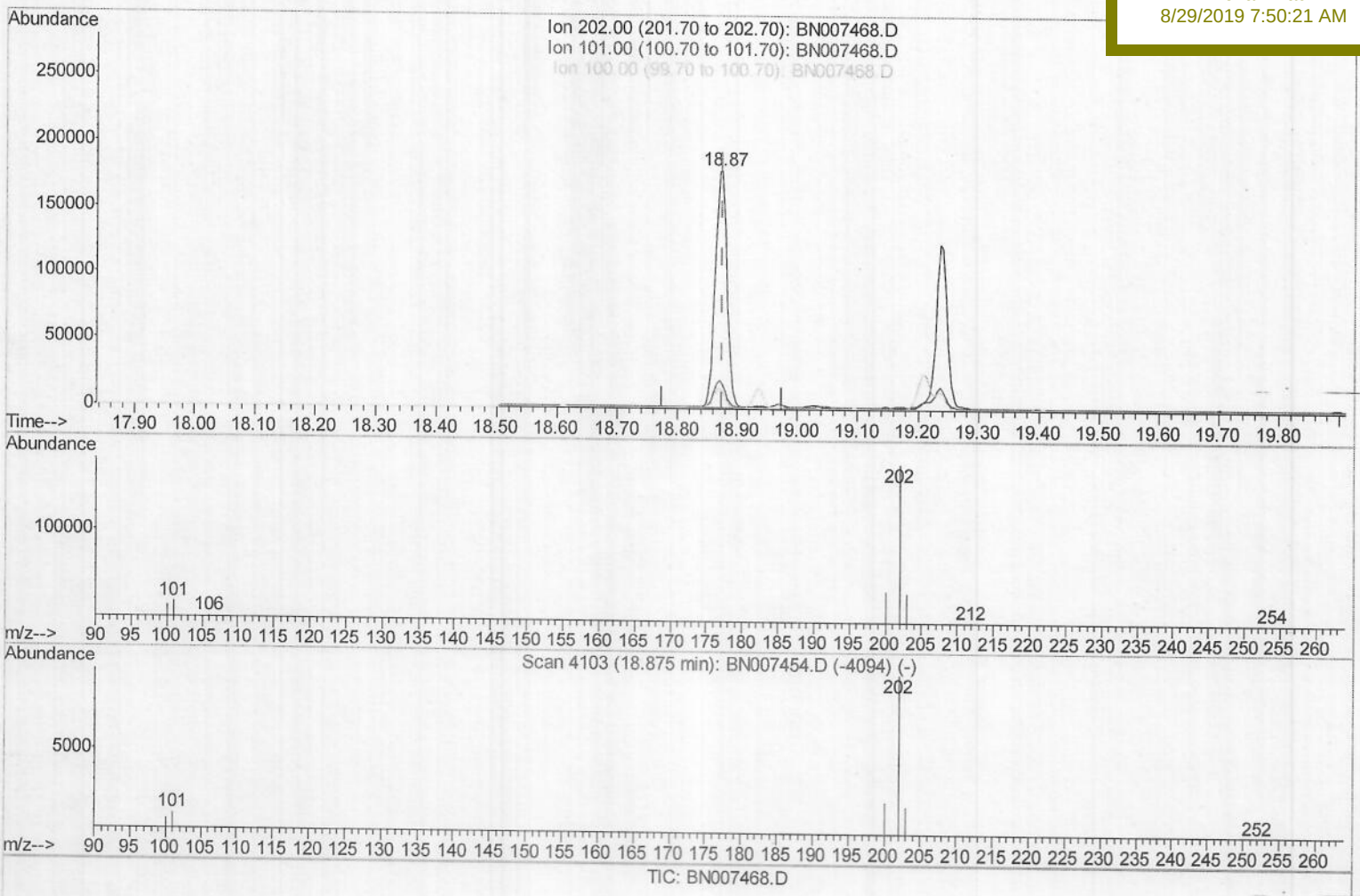
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(15) Fluoranthene (C)

18.874min (-0.000) 2.01ng/ul m) JU 08/29/19

response 241074

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	10.33
100.00	8.50	7.48
0.00	0.00	0.00

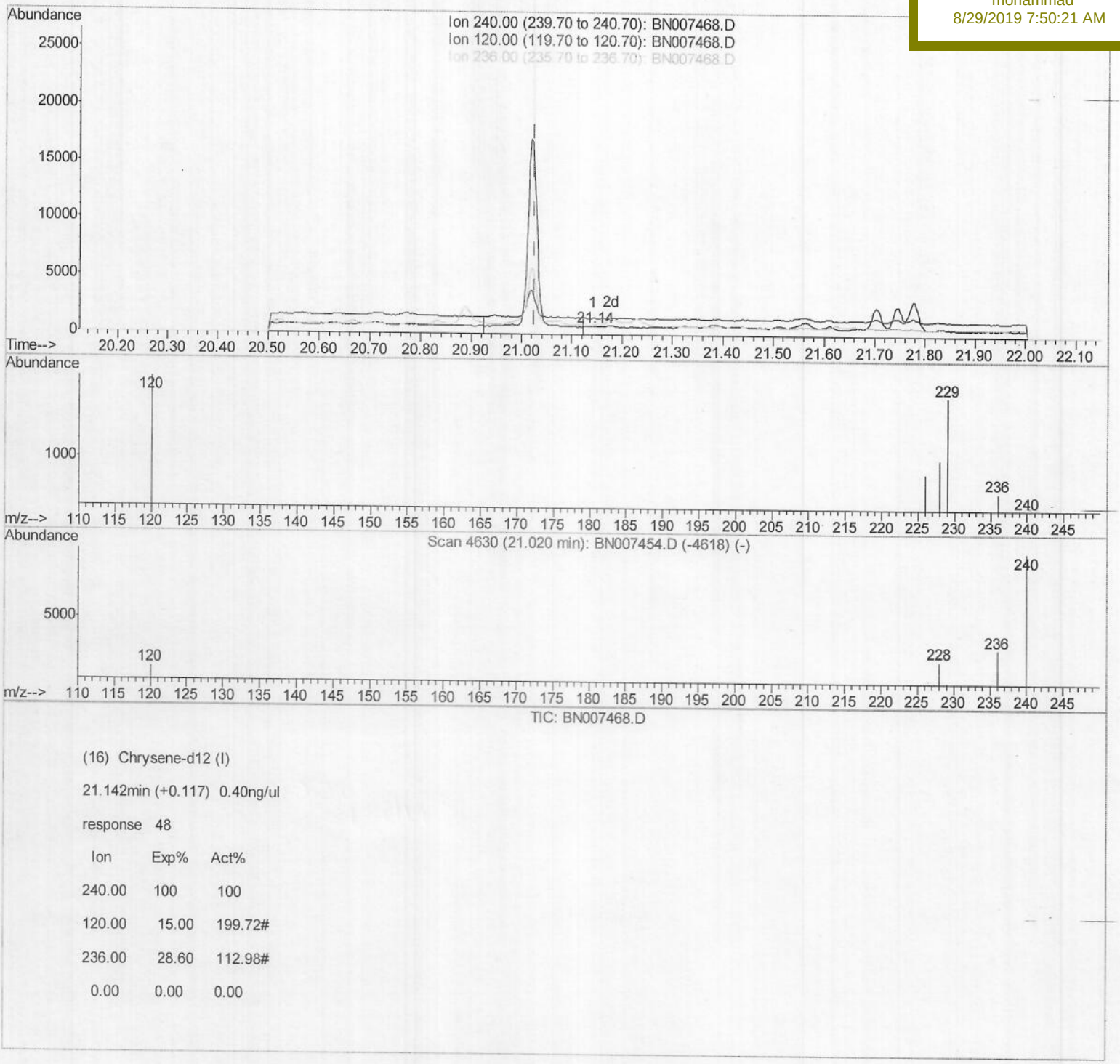
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(16) Chrysene-d12 (I)

21.142min (+0.117) 0.40ng/ul

response 48

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	199.72#
236.00	28.60	112.98#
0.00	0.00	0.00

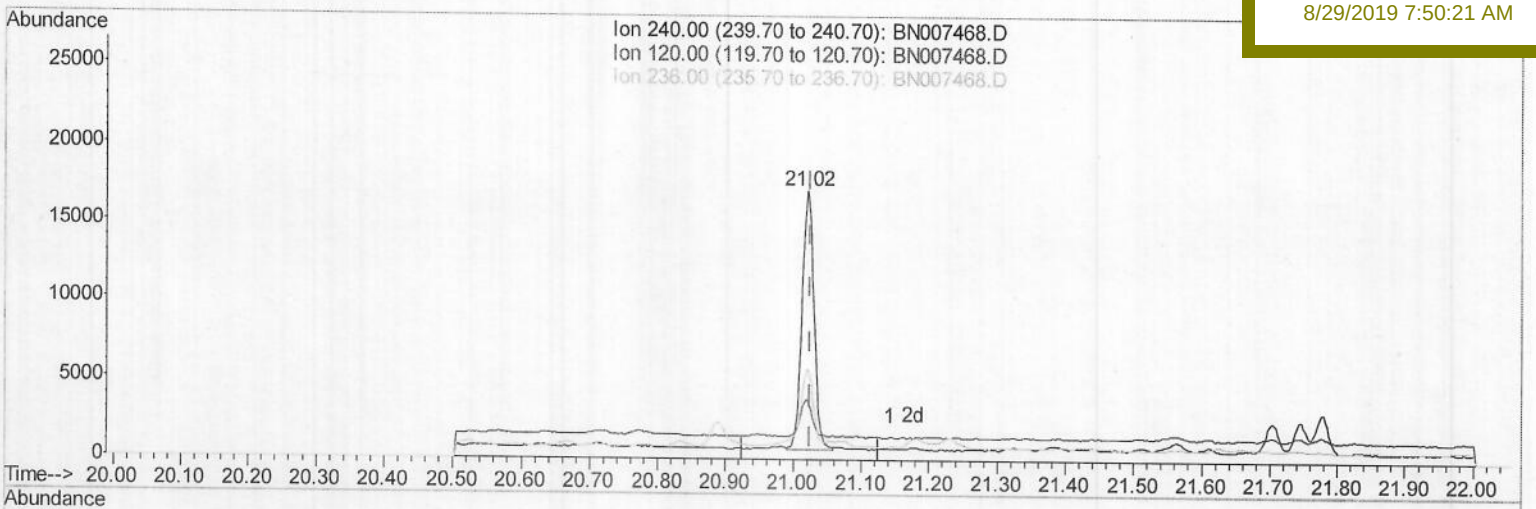
Quantitation Report (Qedit)

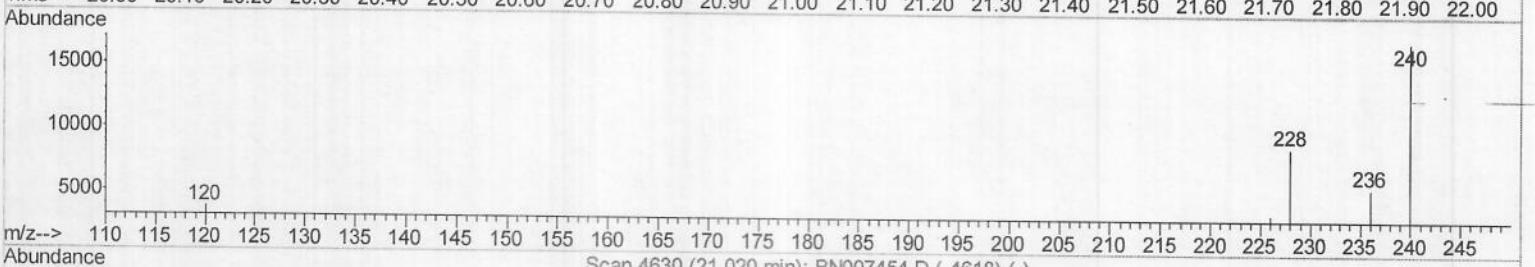
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

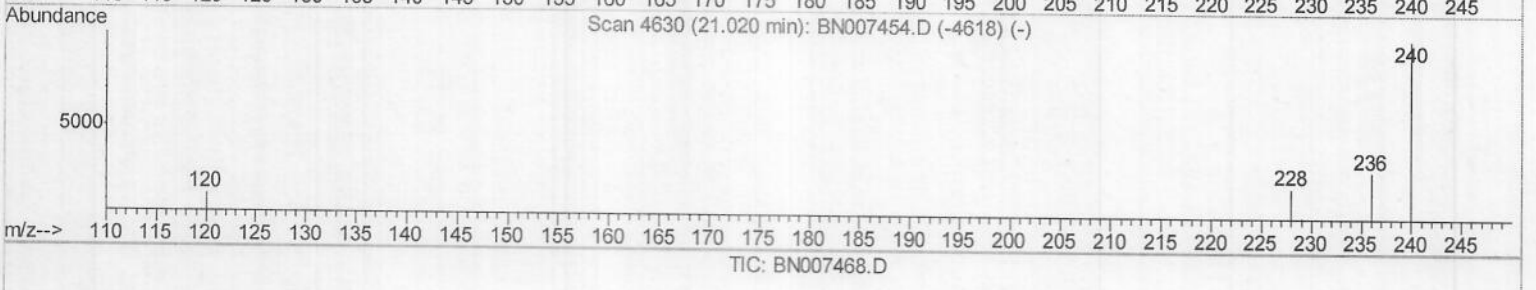
Quant Time: Aug 28 15:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM







TIC: BN007468.D

(16) Chrysene-d12 (I)

21.020min (-0.006) 0.40ng/ul m

JU 08/29/19

response 20281

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	22.11#
236.00	28.60	33.02
0.00	0.00	0.00

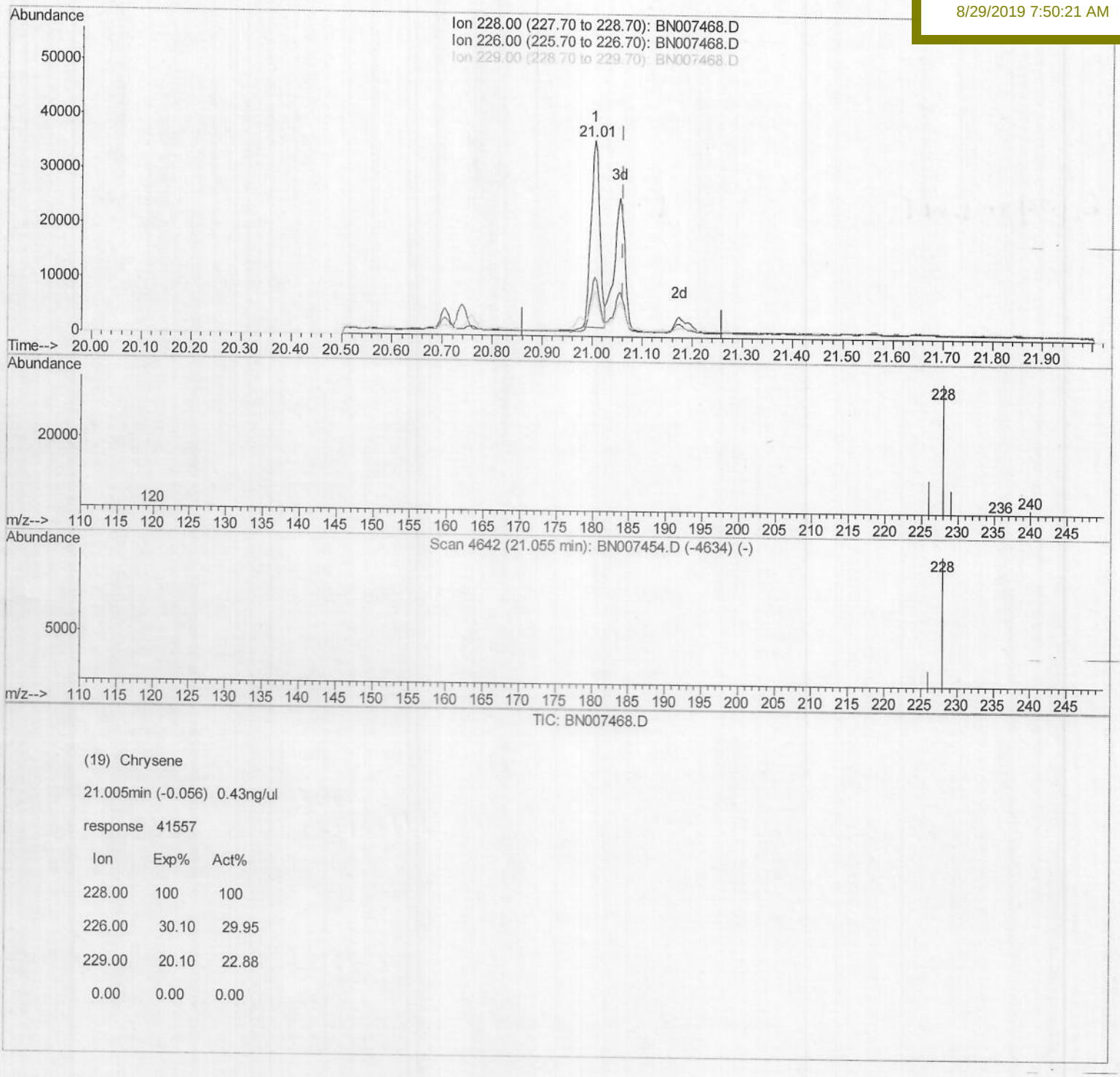
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



(19) Chrysene

21.005min (-0.056) 0.43ng/ul

response 41557

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	29.95
229.00	20.10	22.88
0.00	0.00	0.00

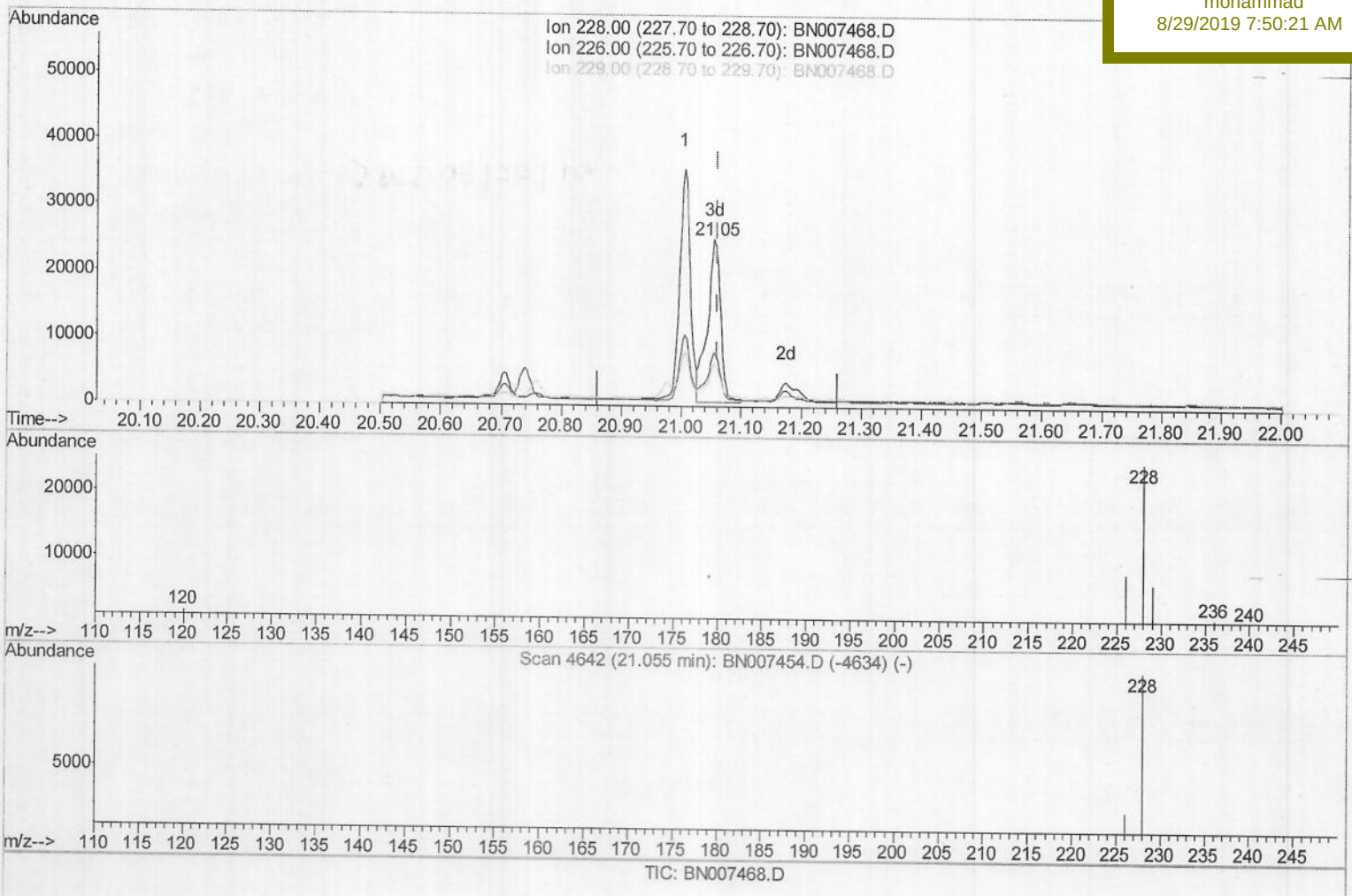
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(19) Chrysene

21.055min (-0.006) 0.39ng/ul m >JU 08/29/19

response 37821

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	32.45
229.00	20.10	25.47#
0.00	0.00	0.00

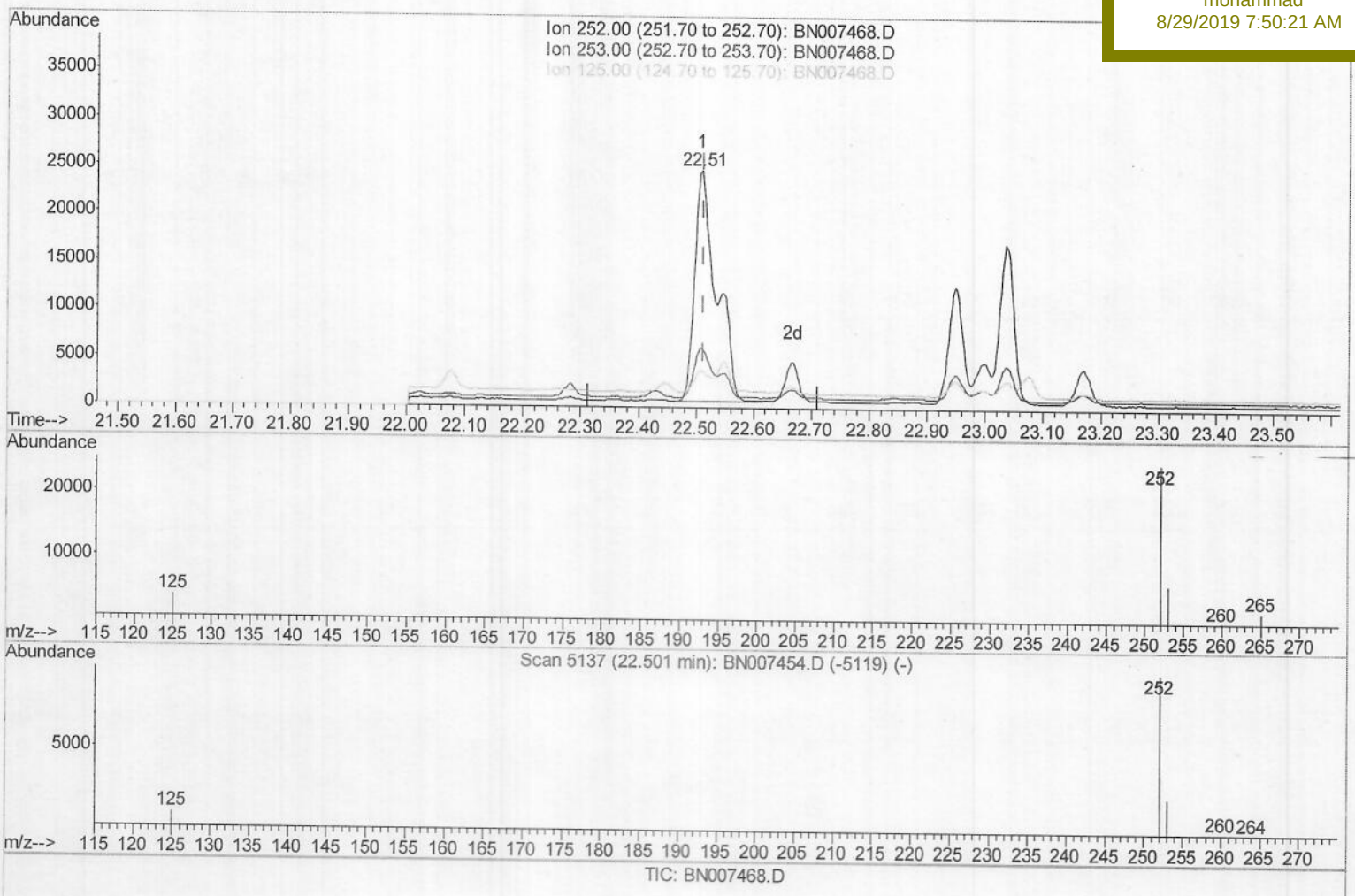
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(21) Benzo(b)fluoranthene

22.510min (-0.003) 0.60ng/ul

response 63547

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	25.13
125.00	12.40	15.26
0.00	0.00	0.00

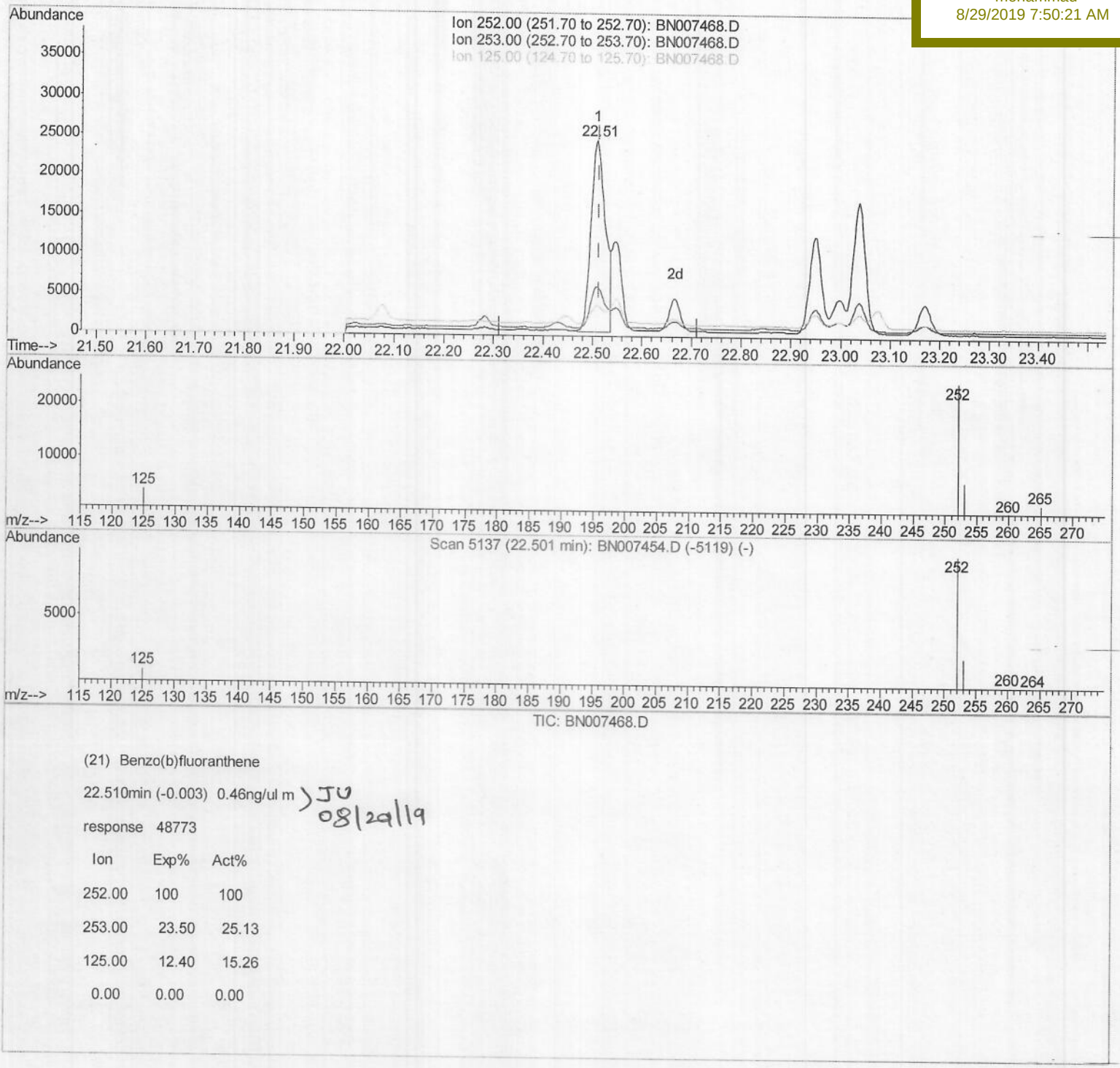
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(21) Benzo(b)fluoranthene

22.510min (-0.003) 0.46ng/ul m

JU 08/29/19

response 48773

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	25.13
125.00	12.40	15.26
0.00	0.00	0.00

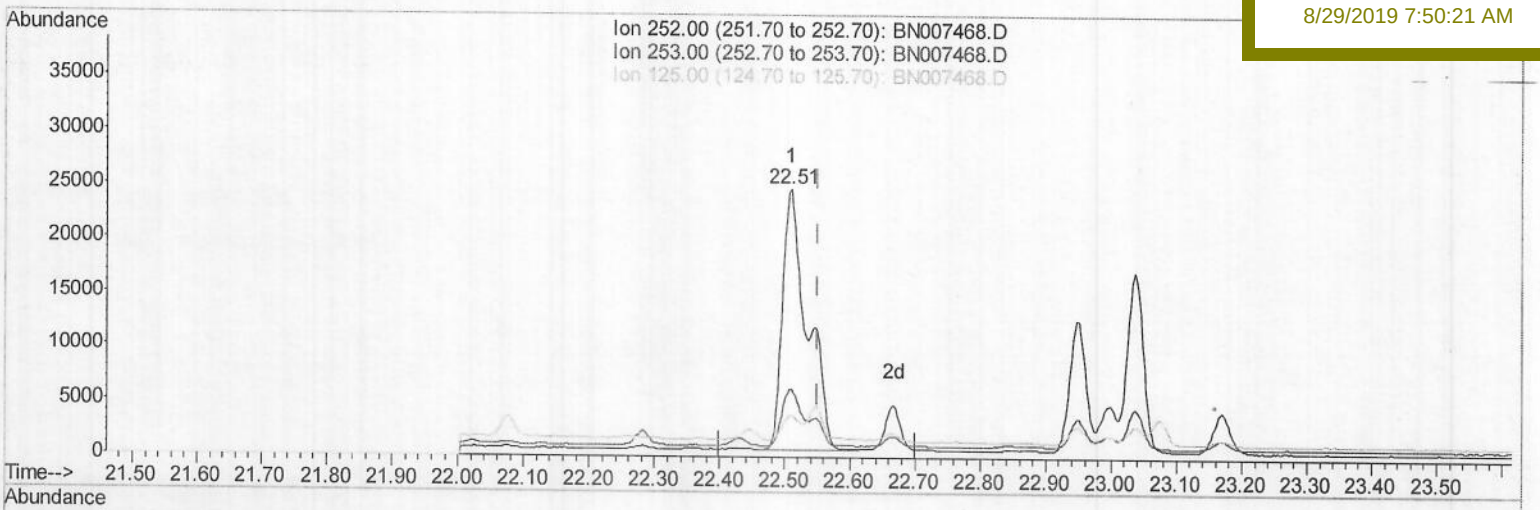
Quantitation Report (Qedit)

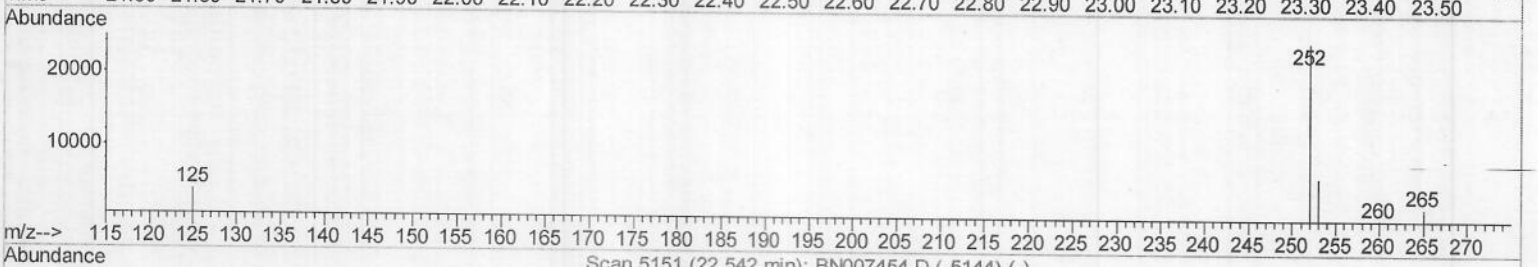
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

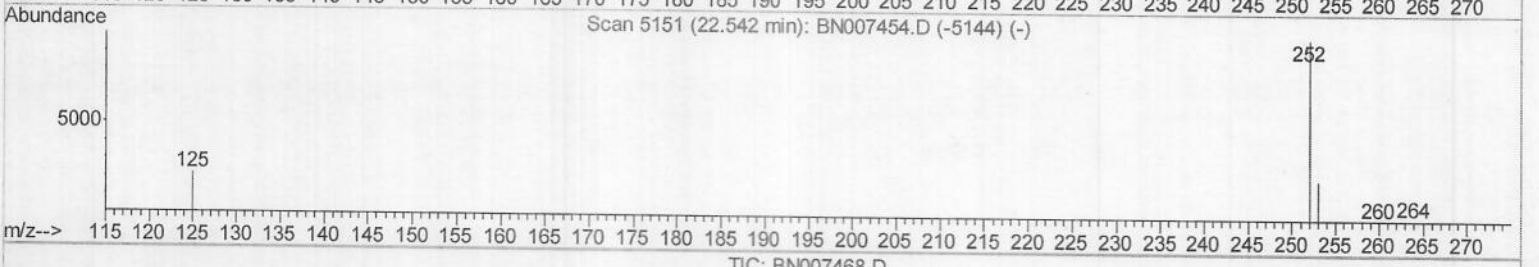
Quant Time: Aug 28 15:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM







TIC: BN007468.D

(22) Benzo(k)fluoranthene

22.510min (-0.041) 0.57ng/ul

response 63553

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	25.13
125.00	15.50	15.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
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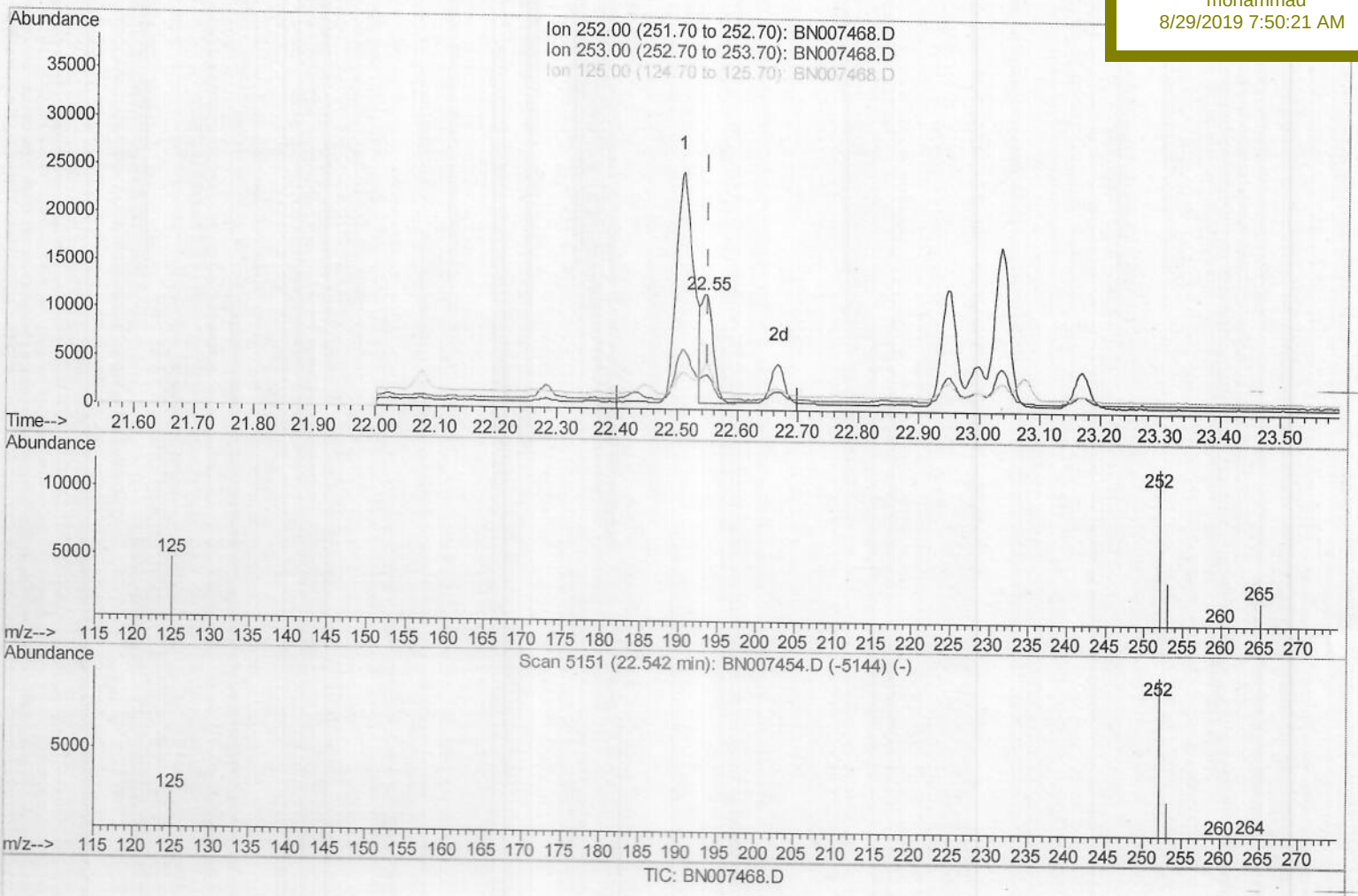

TIC: BN007468.D

(22) Benzo(k)fluoranthene

22.548min (-0.003) 0.14ng/ul m JU 08/29/19

response 15487

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	30.11#
125.00	15.50	39.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
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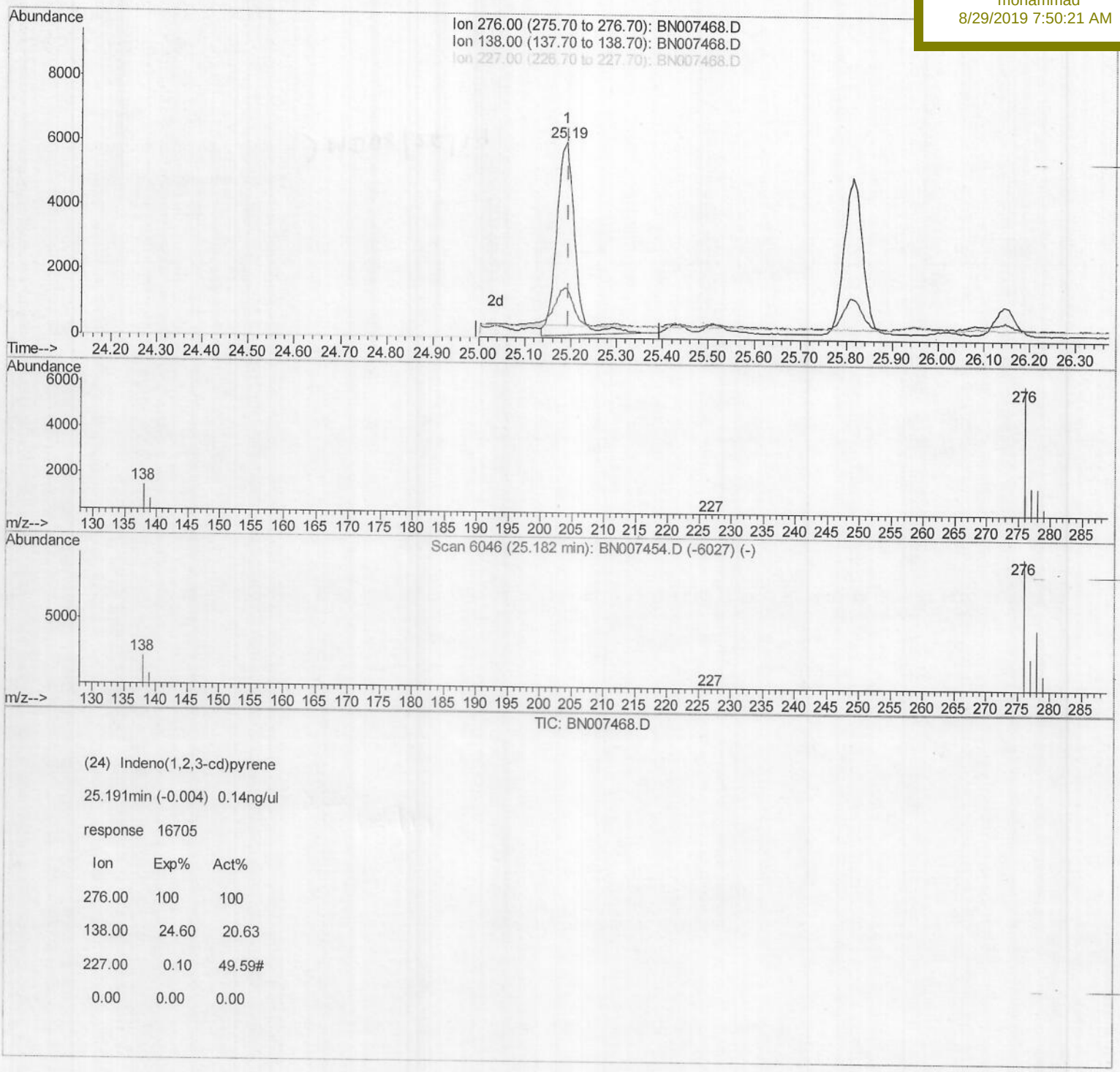


TIC: BN007468.D

(24) Indeno(1,2,3-cd)pyrene

25.191min (-0.004) 0.14ng/ul

response 16705

Ion	Exp%	Act%
276.00	100	100
138.00	24.60	20.63
227.00	0.10	49.59#
0.00	0.00	0.00

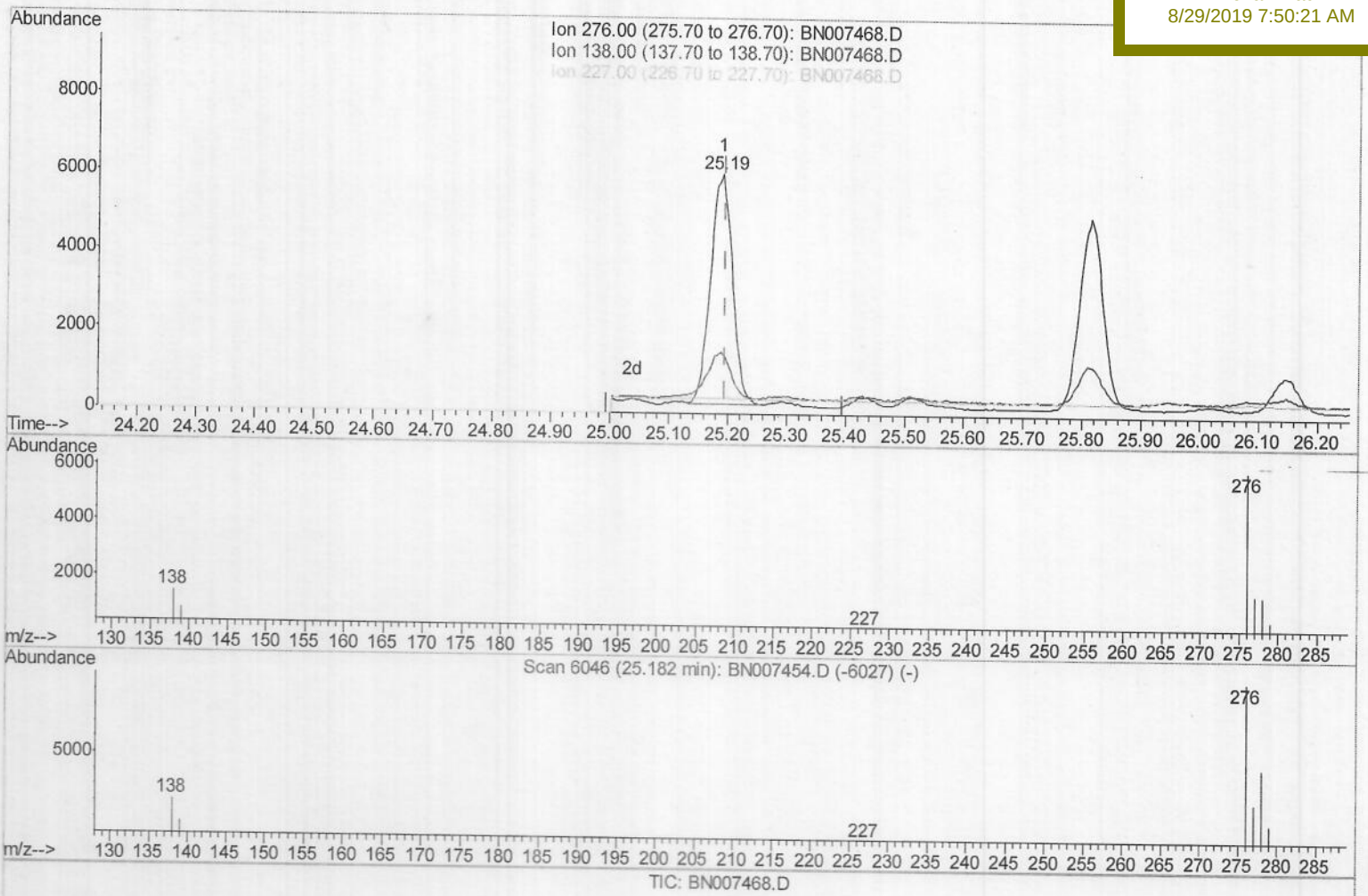
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 15:59:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM



TIC: BN007468.D

(24) Indeno(1,2,3-cd)pyrene

25.191min (-0.004) 0.13ng/ul m JU 08/29/19

response 14958

Ion	Exp%	Act%
276.00	100	100
138.00	24.60	23.04
227.00	0.10	55.38#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007468.D
Acq On : 28 Aug 2019 15:01
Operator : HP/JU
Sample : K4373-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 28 16:01:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AB4

Manual Integrations APPROVED
mohammad
8/29/2019 7:50:21 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4961	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	21565	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11256	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	28688m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	20281m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	24290	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	11885	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	29144m	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	162761	2.673	ng/ul	99
5) 2-Methylnaphthalene	11.83	142	19865	0.486	ng/ul	92
7) Acenaphthylene	13.76	152	18242	0.291	ng/ul#	81
8) Acenaphthene	14.11	153	1875811	41.683	ng/ul	97
9) Fluorene	15.11	166	154428	3.171	ng/ul	98
11) Pentachlorophenol	16.46	266	345m	0.053	ng/ul	
12) Phenanthrene	16.84	178	115277m	1.288	ng/ul	
13) Anthracene	16.93	178	170205m	2.017	ng/ul	
15) Fluoranthene	18.87	202	241074m	2.012	ng/ul	
17) Pyrene	19.24	202	166019	1.673	ng/ul	99
18) Benzo(a)anthracene	21.01	228	43767	0.483	ng/ul	94
19) Chrysene	21.05	228	37821m	0.388	ng/ul	
21) Benzo(b)fluoranthene	22.51	252	48773m	0.460	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	15487m	0.140	ng/ul	
23) Benzo(a)pyrene	23.04	252	28125	0.266	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.19	276	14958m	0.126	ng/ul	
25) Dibenzo(a,h)anthracene	25.19	278	4400	0.047	ng/ul#	45
26) Benzo(g,h,i)perylene	25.82	276	13624	0.135	ng/ul	93

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(#) = qualifier out of range (m) = manual integration (+) = signals summed